



## WIRE-TO-BOARD CONNECTOR CONTACTS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**



TE CONNECTIVITY (TE)

### AMP UNIVE. POWER CONN REC CONT

[Power Double Lock](#) | [AMP Universal Power](#)

175152-2

TE Internal Number: 175152-2

Alias ID: 0-0175152-2

[Always EU RoHS/ELV Compliant](#)

Contact Type **Socket**

Wire/Cable Size (AWG) **20 – 16**

Wire/Cable Size (mm<sup>2</sup>) **.5 – 1.42**

Contact Mating Area Plating Material **Tin**

Contact Current Rating (A) **12**

### Product Drawings

[REC CONTACT AMP UNIVERSAL POWER CONN.](#)

PDF ([TIFF AVAILABLE](#))  
English

[REC CONTACT AMP UNIVERSAL POWER CONN.](#)

PDF ([TIFF AVAILABLE](#))  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
English

### Product Specifications

Product Specification

[AMP Universal Power Connector](#)

PDF  
Japanese

[AMP Universal Power Connector](#)

TIF  
Japanese

Application Specification

[Crimping Of Universal Power Contact](#)

TIF  
Japanese

[Crimping Of Universal Power Contact](#)

PDF  
English

[APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF](#)

PDF  
English

APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF

TIF  
English  
XREF

TIF  
English  
XREF

PDF  
English

Product Environmental Compliance

TE Material Declaration

MD\_175152-2\_012020152151\_dmtec

PDF  
English

Instruction Sheets

Instruction Sheet (non U.S.)

Extraction Tool For UP(913923-1)

TIF  
English

Extraction Tool For UP(913923-1)

PDF  
English

Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

TIF  
Japanese

Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

PDF  
English

AMP UNIVERSAL POWER CONNECTOR SERIES

TIF  
English

AMP UNIVERSAL POWER CONNECTOR SERIES

PDF  
English


Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Wire/Cable Type	Discrete Wire, Stranded
	Connector System	Wire-to-Wire
	Product Type	Contact
	Glow Wire Rating	Standard Part - Not Glow Wire
	With Insulation Support	Yes
	Applies To	Wire/Cable
Electrical Characteristics	Insulation Resistance (MΩ)	1000
Contact Features	Contact Type	Socket
	Contact Mating Area Plating Material	Tin
	Contact Current Rating (A)	12
	Contact Mating Area Plating Thickness	.8 μm [ 31.49 μin ]

	Contact Base Material	Brass
	Contact Transmits (Typical)	Power
Termination Features	Termination Method to Wire/Cable	Crimp
	Crimp Area Plating Material	Pre-Tin
Mechanical Attachment	Contact Retention Type	Locking Lance
	Contact Retention	With
Dimensions	Wire/Cable Size (AWG)	20 – 16
	Wire/Cable Size (mm²)	.5 – 1.42
	Insulation Diameter	1.7 – 3.3 mm [ .067 – .13 in ]
Usage Conditions	Operating Temperature Range	-30 – 105 °C [ -22 – 221 °F ]
Operation/Application	For Use With	Plug Housing
Packaging Features	Packaging Method	Reel
	Packaging Quantity	4000
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR HOUSINGS




UNIV POWER PLUG HSG 1P F/H  
176270-1

Save to List

Find Similar Products

WIRE-TO-BOARD CONNECTOR HOUSINGS




AMP UNIVERSAL POWER PLUG 4P  
176273-1

Save to List

Find Similar Products

WIRE-TO-BOARD CONNECTOR HOUSINGS




U/POWER PLUG HSG 2P 7.29MM  
178125-4

Save to List

Find Similar Products

OCEAN APPLICATORS



CRIMP, WIRE (070F X 081THK)  
3-456404-6

Save to List

Find Similar Products

Relation Type ▼

RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector  
Housings  
Power Double Lock I AMP Universal Power  
**UNIV POWER PLUG HSG**  
**18P F/H - 176280-6**  
TE INTERNAL NUMBER: 176280-6

☒ Preliminary

**Always EU RoHS/ELV Compliant**

Centerline **3.96 mm**

Number of Positions **18**

Number of Rows **3**

Row-to-Row Spacing **4.6 mm**

Mating Retention **With**



RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector  
Housings  
Power Double Lock I AMP Universal Power  
**AMP UNIVERESAL**  
**POWER PLUG 4P**  
**- 176273-2**  
TE INTERNAL NUMBER: 176273-2

☒ Active

**Always EU RoHS/ELV Compliant**

Centerline **3.96 mm**

Number of Positions **4**

Number of Rows **2**

Row-to-Row Spacing **4.6 mm**

Color **Red**



RELATIONSHIP

## Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector  
Housings  
Power Double Lock I AMP Universal Power  
**UNIV POWRE PLUG HSG**  
**10P F/H - 176277-6**  
TE INTERNAL NUMBER: 176277-6

☒ Preliminary

**Always EU RoHS/ELV Compliant**

Centerline **3.96 mm**

Number of Positions **10**

Number of Rows **2**

Row-to-Row Spacing **4.6 mm**

Mating Retention **With**

